REMARKS

Claims 1 – 17, including independent claims 1, 4, 7, 10, 13 and 16, are pending in the present application and all stand rejected under 35 USC 102 in view of Sanderson. No further claim amendments are requested at this time, however, the following remarks and arguments are asserted for allowance of the previously presented claims. Based on the arguments set forth herein, Applicant asserts that the claims are in condition for allowance, therefore, the Applicant respectfully requests that the claims be allowed to proceed to issuance.

The Examiner cites to various components of the declarative user interface system disclosed in the Sanderson reference in order to show that Sanderson teaches all limitations of the claimed invention. However, the components cited do not anticipate, teach or suggest the claim limitation for which the component is asserted to anticipate and teach. Further the Sanderson reference will not perform the intended purpose of the claimed invention. The following remarks and arguments are supportive of this assertion.

Regarding independent claim 1, the Examiner indicates that the data factory 210 of Sanderson as shown in Fig. 2 teaches a user interface repository as recited in independent claim 1, which contains a UI element, which defines data element attributes including data type. The Examiner further asserts that data element 208 of Sanderson as shown in Fig. 2 teaches the UI element limitation. However, upon further examination of the detailed description of Sanderson at paragraphs 52, 53, and 54, it becomes clear that the data factory 210 and the data element 208 does not teach or suggest the claim limitation nor does it perform the same function. Specifically, Sanderson teaches that the data factory 210 can include two types of data factories.

One type can produce data elements suitable for transmission by the messenger function 202, Contents specification objects 209 are passed to the data factory, which specifies the structure and Symantecs thereby allowing this type of data factory to produce a suitable data element. The other type of data factory 210 can produce data elements suitable for interaction with widgets. Therefore, the data factory 210 is not a user interface repository containing UI elements of which define data element attributes including data type. To the contrary, the data factory 210 of Sanderson teaches the production of a data element based on transmitted content specifications. Therefore, the methodology is content driven and/or work task driven as opposed to a user interface repository driven by the UI elements residing therein. Therefore, the intended purpose of the claimed invention is not accomplished by the Sanderson reference.

The Examiner also cites the specification 209 of the Sanderson references as shown in Fig. 2 as anticipating the screen repository limitation of independent claim 1 were the screen repository includes screen attributes which define the hierarchical navigational tree structure of screens. The Examiner also asserts that the workflow data and configuration data discussed in the abstract anticipates a screen repository that defines what screen will be constructed and defines a GUI component of the screen based on data type. However, upon Examination of the supporting specification, it is clear that this citation does not anticipate, teach, or suggest the screen repository limitation. Specifically, the content specification 209 is disclosed in Sanderson at paragraphs 48, 49 and 50. The content specification 209 as described in Sanderson is provided to specify the structure and semantics of data elements. Sanderson teaches that each content specification 209 can contain attributes that define the behavior and allowable structure of a data element. However, Sanderson does not anticipate, teach, or suggest a screen repository

which includes the attributes of various screens and defines the hierarchical navigational tree structures of various screens and further defines what screen will be constructed.

The Examiner further cites the content factory 213 as shown in Fig. 2 to anticipate the date of binding framework, which is operable to bind data to the UI element and the GUI component based on data type. The Examiner further asserts that it is inherent for this to occur in order to display. The content factory taught by Sanderson is an object that generates content objects on behalf of a messenger 202. Therefore, the content factory does not teach the limitation relating to a data binding framework operable to bind data to the UI element and the GUI component based on data type.

The Examiner further asserts that the controller function 201C of Sanderson as shown in Fig. 2 anticipates the claim limitation for a GUI framework operable to control how data is handled and processed within the GUI component based on data type. However, upon review of the specification at paragraphs 37, 38 and 39 it is clear that Sanderson does not teach this limitation. The controller 201C of Sanderson is part of the task function 201, which is a self contained logical module that performs a specific kind of interaction with the user or otherwise a non-visual process. The controller portion of the self contained logical module is a function for initiating and responding to events associated with tasks 201. There is no discussion in Sanderson that the controller is operable to control how data is handled and processed within the GUI component.

The Examiner further asserts that the view and model functions, 201B and 201A respectively, anticipate the navigation framework where the navigation framework controls generating and displaying the screens within the application and further builds a navigation tree

based on the screen attributes. Sanderson describes the view function as an object that represents the visual properties, labels, and controls representing selection, list, tables, trees and etc. The view function is one of the four elements of the model view-controller-client-architecture which is not the navigation framework as recited. The Examiner also asserts that the data stream that is an XML document as described in paragraph 46 anticipates a software application for generating a graphical user interface having functional interfaces for accessing repositories and frameworks. However, the XML document referred to in paragraph 46 is merely content within a data stream.

Regarding dependent claims 2 and 3, Sanderson does not anticipate, teach or suggest all of the claim limitations of dependent claims 2 and 3 for the same reason stated above for independent claim 1 whose limitations are incorporated therein by reference.

Regarding independent claim 4, the graphical user interface framework is not anticipated by 201C of Sanderson for the same reasons argued in reference to independent claim 1. The data factory 210 as characterized in the remarks above with regard to independent claim 1 do not teach a collection of integrated repositories relationally inter-referenced by UI elements as recited in independent claim 4. Further, as argued for independent claim 1, the content 207 that are described as objects that can hold and translate data elements is not a collection of XML files operable to access and export data from repositories at one time and further the view function 201B does not anticipate the navigation framework as recited in independent claim 4. With regard to dependent claims 5 and 6 which depend from independent claim 4, are allowable for the same reasons argued for independent claims 1 and independent claim 4.

The limitations of independent claim 7 as recited are not anticipated by the Sanderson citations for the same reasons as argued for independent claim 1 and 4. Further, dependent
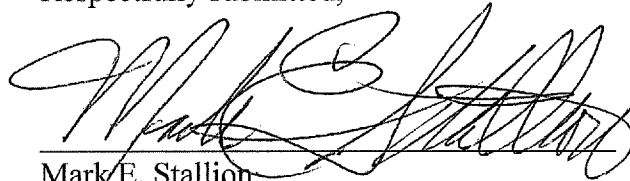
claims 8 and 9 are not anticipated by Sanderson for the same reasons. Regarding independent claim 10 which is related to the integrated system tool, the limitations are not anticipated by Sanderson for the same reasons argued for independent claims 1 and 4. Dependent claims 11 and 12 which depend from independent claim 10 are not anticipated by Sanderson for the same reasons. Regarding independent claims 13 and 16 which relate to a corresponding method are not anticipated by Sanderson for the same reasons argued for independent claim 1 and independent claim 4.

If any issue regarding the allowability of any of the pending claims in the present application could be readily resolved, or if other action could be taken to further advance this application such as an Examiner's amendment, or if the Examiner should have any questions regarding the present amendment, it is respectfully requested that the Examiner please telephone Applicant's undersigned attorney in this regard.

Respectfully submitted,

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